

## SEQUENCE LISTING

<110> Fraser, Douglas  
St. Gallay, Steven

<120> Human Homologue of Bovine Neuroendocrine Secretory Protein, NESP55, Polynucleotides and Uses Thereof Linked With Obesity

<130> KNI-004CPUS

<140> 10/031,841  
<141> 2002-01-22

<150> PCT/EP00/06921  
<151> 2002-07-20

<150> GB 9917165.4  
<151> 1999-07-22

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Gln Gln Trp Arg Arg Ala Arg His Asn Tyr Asn Asp Leu Cys Pro Pro  
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ata ggc cgc cgg gca gcc acc gcg ctc ctc tgg ctc tcc tgc tcc atc 143  
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gcg ctc ctc cgc gcc ctt gcc acc tcc aac gcc cgt gcc cag cag cgc 191  
Ala Leu Leu Arg Ala Leu Ala Thr Ser Asn Ala Arg Ala Gln Gln Arg  
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gcg gct gcc caa cag cgc cgg agc ttc ctt aac gcc cac cac cgc tcc 239  
Ala Ala Ala Gln Gln Arg Arg Ser Phe Leu Asn Ala His His Arg Ser  
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ggc gcc cag gta ttc cct gag tcc ccc gaa tcg gaa tct gac cac gag 287  
Gly Ala Gln Val Phe Pro Glu Ser Pro Glu Ser Glu Ser Asp His Glu  
80 85 90 95

cac gag gag gca gac ctt gag ctg tcc ctc ccc gag tgc cta gag tac 335  
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gag gaa gag ttc gac tac gag acc gag agc gag acc gag tcc gaa atc 383  
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gag tcc gag acc gac ttc gag acc gag cct gag acc gcc ccc acc act 431  
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 195 200 205

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 Asp Pro Arg Asp Pro Glu Glu Ser Lys Glu Pro Lys Glu Glu Lys Gln  
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cggt cgt cgc tgc aag cca aag aag ccc acc cgc cgt gac gcg tcc ccg 719  
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 Ala Ala Gln Gln Arg Arg Ser Phe Leu Asn Ala His His Arg Ser Gly  
 65 70 75 80  
 Ala Gln Val Phe Pro Glu Ser Pro Glu Ser Glu Ser Asp His Glu His  
 85 90 95  
 Glu Glu Ala Asp Leu Glu Leu Ser Leu Pro Glu Cys Leu Glu Tyr Glu  
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 Glu Glu Phe Asp Tyr Glu Thr Glu Ser Glu Thr Glu Ser Glu Ile Glu  
 115 120 125  
 Ser Glu Thr Asp Phe Glu Thr Glu Pro Glu Thr Ala Pro Thr Thr Glu  
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 Pro Glu Thr Glu Pro Glu Asp Asp Arg Gly Pro Val Val Pro Lys His  
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 Ser Thr Phe Gly Gln Ser Leu Thr Gln Arg Leu His Ala Leu Lys Leu  
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 Arg Ser Pro Asp Ala Ser Pro Ser Arg Ala Pro Pro Ser Thr Gln Glu  
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 Pro Gln Ser Pro Arg Glu Gly Glu Glu Leu Lys Pro Glu Asp Lys Asp  
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 Pro Arg Asp Pro Glu Glu Ser Lys Glu Pro Lys Glu Glu Lys Gln Arg  
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<212> PRT  
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